

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Vernal J. Comeaux and Chris D. Morgan

SERIAL NUMBER: TBA

FILED: TBA

ART UNIT: TBA

EXAMINER: TBA

FOR: Thermal Reservoir for Two-Pipe Hydronic Air-Conditioning System

**DECLARATION ACCOMPANYING  
PETITION TO MAKE SPECIAL UNDER 37 C.F.R. 1.102(c)**

Declarant states as follows:

1. My name is Vernal J. Comeaux
2. I am a co-Applicant of the above referred to patent application.
3. I participated in the preparation of, have read and understand the Petition to Make Special Under 37 C.F.R. 1.102(c).
4. I hereby declare that all statements contained in said Petition to Make Special, adopt them as my own, and further state that said statements are of my own knowledge true or if made on information and belief are believed to be true, and that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001.

  
VERNAL J. COMEAUX

01/29/04  
DATE

CERTIFICATE OF EXPRESS MAILING

I HEREBY CERTIFY that the attached Application of Vernal J. Comeaux and Chris D. Morgan for Thermal Reservoir for Two-Pipe Hydronic Air-Conditioning System, has on this 29th day of January, 2004 been deposited with the United States Postal Service as "Post Office to Addressee Express Mail" with Mailing Label Number EU899595123US affixed thereto and addressed to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Jodi B. Bordelon

Print name of person mailing paper

Jodi B. Bordelon

Signature of person mailing paper

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**PETITION TO MAKE SPECIAL UNDER 37 C.F.R. 1.102(c)**

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Applicants herein petitions to advance the examination of the above referenced examination, under the provisions of 37 C.F.R. 1.102(c), on the bases that the invention of the referenced application will: first, materially enhance the quality of the environment and/or contribute to the conservation of energy resources; and, second because of Applicant Comeaux's age, as herein explained:

1.

Thousands of two-pipe hydronic air-conditioning systems are in current use, in the United States and around the remainder of the world.

2.

So far as Applicants are aware none of said systems are equipped with a thermal reservoir, for use in connection with two-pipe hydronic air-conditioning systems, such as the thermal reservoir disclosed and claimed in Applicant's application, nor to Applicants' knowledge is such thermal reservoir available for purchase and/or installation in two-pipe hydronic air-

conditioning systems, nor known to those skilled in the art of two-pipe hydronic air-conditioning systems.

3.

Applicants have personally observed, and Applicant Comeaux, has personally supervised the switching of the two-pipe hydronic air-conditioning system of public buildings between heating and cooling modes (and the reverse) and are thus personally aware of the extensive period of time, excessive energy consumption and building discomfort which can and does occur during switch-over, which undesirable consequences result from the long period of time it and excessive energy consumption which takes place from having to cool hot water, of about 180 Degrees Fahrenheit to about 40 Degrees Fahrenheit (or the reverse) for complete switching between heating mode to cooling mode to occur.

4.

Applicants have personally observed the fact that acute problems can and do occur when switching is frequently required, as it sometimes is required on an almost daily basis during acute seasonal changes.

5.

So far as Applicants are aware all currently designed two-pipe hydronic air-conditioning systems are not equipped with means to withdraw during switch-over and conserve same for subsequent use thereof, as Applicants invention discloses and claims, and if presently installed and future two-pipe hydronic systems would have Applicants invention installed therein, substantial saving of energy resources might be had in the United States and elsewhere in the world that two-pipe hydronic air-conditioning systems are deployed.

6.

Wherefore Applicants believe that the processing of their application should be accelerated in accordance with the "conservation of energy resources" provision of 37 C.F.R. 1.102(c).

7.

Alternatively, Applicant Vernal J. Comeaux alleges that he is a citizen of the United States who is of 69 year of age, and said application should therefore be advanced because of said age, also in accordance with the provisions of 37 C.F.R. 1.102(c).

8.

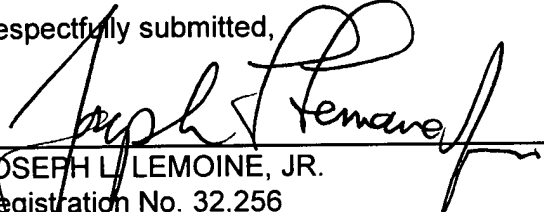
Submitted in support of this Petition to Make Special is the Declaration of Vernal C. Comeaux.

9.

According to 37 C.F.R. 1.102(c) no fee is required for this submission. In the event a fee is required, authorization is hereby given to charge same to Deposit Account Number 15-0607.

WHEREFORE, Applicants respectfully prays this Petition to Special be granted, and that examination the application be advanced in accordance with the provisions of 37 C.F.R. 1.102(c).

Respectfully submitted,



JOSEPH L. LEMOINE, JR.  
Registration No. 32,256  
Post Office Box 3507  
Lafayette, LA 70502-3507  
Telephone: (337) 237-2660

**CERTIFICATE OF EXPRESS MAILING**

I HEREBY CERTIFY that the attached Petition to Make Special in the Application of Vernal J. Comeaux and Chris D. Morgan for THERMAL RESERVOIR FOR TWO-PIPE HYDRONIC AIR-CONDITIONING SYSTEM, has on this 29th day of January, 2004 been deposited with the United States Postal Service as "Post Office to Addressee Express Mail" with Mailing Label Number EU899595123US affixed thereto and addressed to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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